

Office of the Township Engineer
THE TOWNSHIP OF MIDDLETOWN

52 Kanes Lane
Middletown, New Jersey 07748
(732) 615-2259



Organized December 14, 1667
"Pride in Middletown"

**ENGINEER'S ESTIMATE
GREEN ACRES PARK IMPROVEMENTS
AT VARIOUS MIDDLETOWN TOWNSHIP PARKS**

Date: February 11, 2017

Prepared By: J.E.M.

Tindall Park

Improvement	Dimension/Size	Estimated Cost	Comments
Dog Park - New		\$60,000	Sod, Topsoil, Benches, Added Fencing
Dog Park - Parking Lot Improvements		\$26,000	Paving & Line Striping
Dog Park - Tear down		\$5,000	
Dog Park - Mutt Mitt		\$500	Barco Products
Dog Park - Water Fountain		\$3,500	Pro Drinking - ADA with pet
Cameras		\$25,000	
Sky Logic Upgrades (Warning Strobes)		\$4,500	
Site Clearing / Tree Removal		\$50,000	
Resurface Eight Tennis Courts	50,700 S.F.	\$225,000	Mateflex \$4.25/sq ft + surface prep
Resurface Two Basketball courts	15,000 S.F.	\$65,000	Mateflex \$4.25/sq ft + surface prep
Misc. ADA Improvements		\$12,500	Accessible Walkways, etc.
Sidewalks, Curbing & Retaining Walls		\$60,000	

Estimated Total Cost for Park: \$537,000

McMahon Park

Improvement	Dimension/Size	Estimated Cost	Comments
Field House Improvements		\$25,000	
Cameras		\$25,000	
Misc. ADA Improvements		\$15,000	Accessible Walkways, etc.
Add Basketball Court Lights to SkyLogix		\$3,300	

Estimated Total for Park: \$68,300

Croydon Hall

Improvement	Dimension/Size	Estimated Cost	Comments
Add Gym Door Lockts to SkyLogix		\$2,500	does not include possible new door
Add Field House Bathroom Locks to SkyLogix		\$5,400	does not include possible new door
Misc. ADA Improvements		\$10,000	Accessible Walkways, etc.
Cameras		\$16,000	

Estimated Total for Park: \$33,900

Normandy Park

Improvement	Dimension/Size	Estimated Cost	Comments
Cameras		\$17,500	
Misc. ADA Improvements		\$40,000	Bleachers, Accessible Walkways, etc.
Split-Rail fence	800 LF	\$13,600	

Estimated Total for Park: \$71,100

Fairview Acres

Improvement	Dimension/Size	Estimated Cost	Comments
Cameras		\$20,000	
Misc. ADA Improvements		\$35,000	Accessible Walkways, etc.
Split-Rail Fencing	2,600 LF	\$44,200	
Estimated Total for Park:		\$99,200	

Lincroft Acres

Improvement	Dimension/Size	Estimated Cost	Comments
Cameras		\$17,000	
Fencing	200 LF	\$3,400	
Misc. ADA Improvements		\$18,500	Accessible Walkways, etc.
Resurfacing of One Soccer Field (Natural Sod)		\$45,000	
Estimated Total for Park:		\$83,900	

Bodman Park

Improvement	Dimension/Size	Estimated Cost	Comments
Resurface Two Basketball Courts	10,500	\$50,000	Mateflex \$4.25/sq ft + surface prep
Cameras		\$20,000	
Misc. ADA Improvements		\$35,000	Paving, Striping, Accessible Walkways, etc.
Add Bathroom Locks to SkyLogix		\$5,600	
Estimated Total for Park:		\$110,600	

Nutswamp School Fields

Improvement	Dimension/Size	Estimated Cost	Comments
Sports Lighting		\$320,000	Multi-Sport Turf Field
Seed & Fertilize Grass Field		\$4,000	
Cameras		\$15,000	
Estimated Total for Park:		\$339,000	

Hillside Park

Improvement	Dimension/Size	Estimated Cost	Comments
Resurface Two Tennis Courts	13,500	\$45,000	Mateflex \$4.25/sq ft + surface prep
Restore Multi-Purpose Grass Field (Seed & Fertilize)		\$7,500	Remove Existing Baseball Backstop
Misc. ADA Improvements		\$4,500	Accessible Walkways, etc.
Cameras		\$10,000	
Estimated Total for Park:		\$67,000	

Poricy Park

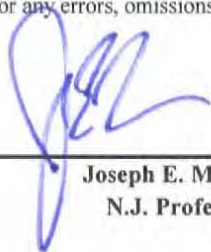
Improvement	Dimension/Size	Estimated Cost	Comments
Cameras		\$12,000	
Misc. ADA Improvements		\$25,000	Accessible Walkways, etc.
Park Signage		\$30,000	Main Park Sign Replacement
Estimated Total for Park:		\$67,000	

Summary of All Park Improvements by Location

Location	Estimated Cost
Tindall Park	\$537,000
McMahon Park	\$68,300
Croydon Hall	\$33,900
Normandy Park	\$71,100
Fairview Acres	\$99,200
Lincroft Acres	\$83,900
Bodman Park	\$110,600
Nutswamp School Fields	\$339,000
Hillside Park	\$67,000
Poricy Park	\$67,000

Grand Total of all Proposed Improvements: \$1,477,000.00

The above is an estimate based upon the current cost of comparable work being paid to qualified and licensed engineers, surveyors, and contractors in the project area. No liability or responsibility for any errors, omissions, or the adequacy of any amounts contained herein can be assumed. Accuracy is intended, but not guaranteed.



2/13/17

Joseph E. Maloney, P.E. - Township Engineer
N.J. Professional Engineer Lic. No. 41962

Office of the Township Engineer
THE TOWNSHIP OF MIDDLETOWN

52 Kanesh Lane
Middletown, New Jersey 07748
(732) 615-2259



Organized December 14, 1667
"Pride in Middletown"

**ENGINEER'S ESTIMATE
ANNUAL MAINTENANCE COSTS FOR IMPROVEMENTS
AT VARIOUS MIDDLETOWN TOWNSHIP PARKS**

Date: February 11, 2017

Prepared By: J.E.M. & V.J.W.

Tindall Park

Description	Annual Cost	Maintenance Duties include:
Dog Park - New	\$7,000.00	Mowing, poop patrol, garbage/recycling, spring & fall leaf cleanup
Cameras	\$500.00	.
8 Tennis Courts	\$10,000.00	Garbage/recycling, weekly, spring & fall leaf cleanup, powerwash
2 Basketball Courts	\$5,000.00	Garbage/recycling, weekly, spring & fall leaf cleanup, powerwash
Sidewalk, Retention Wall	\$1,000.00	weekly check and winter snow removal
Total Annual Maintenance Cost:		\$23,500.00

McMahon Park

Description	Annual Cost	Maintenance Duties include:
Field House Improvements	\$6,000.00	Painting, janitorial, concession & bathroom cleanup
Cameras	\$500.00	
SkyLogix- Basketball Court Lighting	\$500.00	
Total Annual Maintenance Cost:		\$7,000.00

Croydon Hall

Description	Annual Cost	Maintenance Duties include:
Skylogix - Gym Door Locks	\$200.00	
Skylogix - Fieldhouse Bathroom Locks	\$200.00	
Cameras	\$500.00	
Total Annual Maintenance Cost:		\$900.00

Normandy Park

Description	Annual Cost	Maintenance Duties include:
Cameras	\$500.00	
Split-Rail fence	\$100.00	<i>Fence repair when needed</i>

Total Annual Maintenance Cost: \$600.00

Fairview Acres

Description	Annual Cost	Maintenance Duties include:
Cameras	\$500.00	
Split-Rail fence	\$250.00	<i>Fence repair when needed</i>

Total Annual Maintenance Cost: \$750.00

Lincroft Acres

Description	Annual Cost	Maintenance Duties include:
Cameras	\$500.00	
Split-Rail Fencing	\$100.00	<i>Fence repair when needed</i>
Maintain 1 sodded soccer field	\$11,000.00	Garbage/recycling, weekly mowing, spring & fall leaf cleanup

Total Annual Maintenance Cost: \$11,600.00

Bodman Park

Description	Annual Cost	Maintenance Duties include:
2 Basketball Courts	\$5,000.00	<i>Garbage/recycling, weekly, spring & fall leaf cleanup, powerwash</i>
Cameras	\$500.00	
SkyLogix - Bathroom Locks	\$200.00	

Total Annual Maintenance Cost: \$5,700.00

Nutswamp Turf

Description	Annual Cost	Maintenance Duties include:
SportsLighting	\$2,000.00	<i>Repair or replacement of Bulbs, Ballasts</i>
Cameras	\$500.00	

Total Annual Maintenance Cost: \$2,500.00

Tonya Keller Community Center

Description	Annual Cost	Maintenance Duties include:
1 Basketball Court	\$2,500.00	<i>Garbage/recycling, weekly, spring & fall leaf cleanup, powerwash</i>
SkyLogix - Basketball Court lighting	\$500.00	

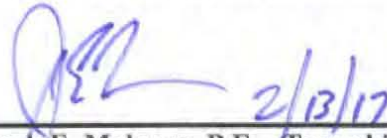
Total Annual Maintenance Cost: \$3,000.00

Hillside Park

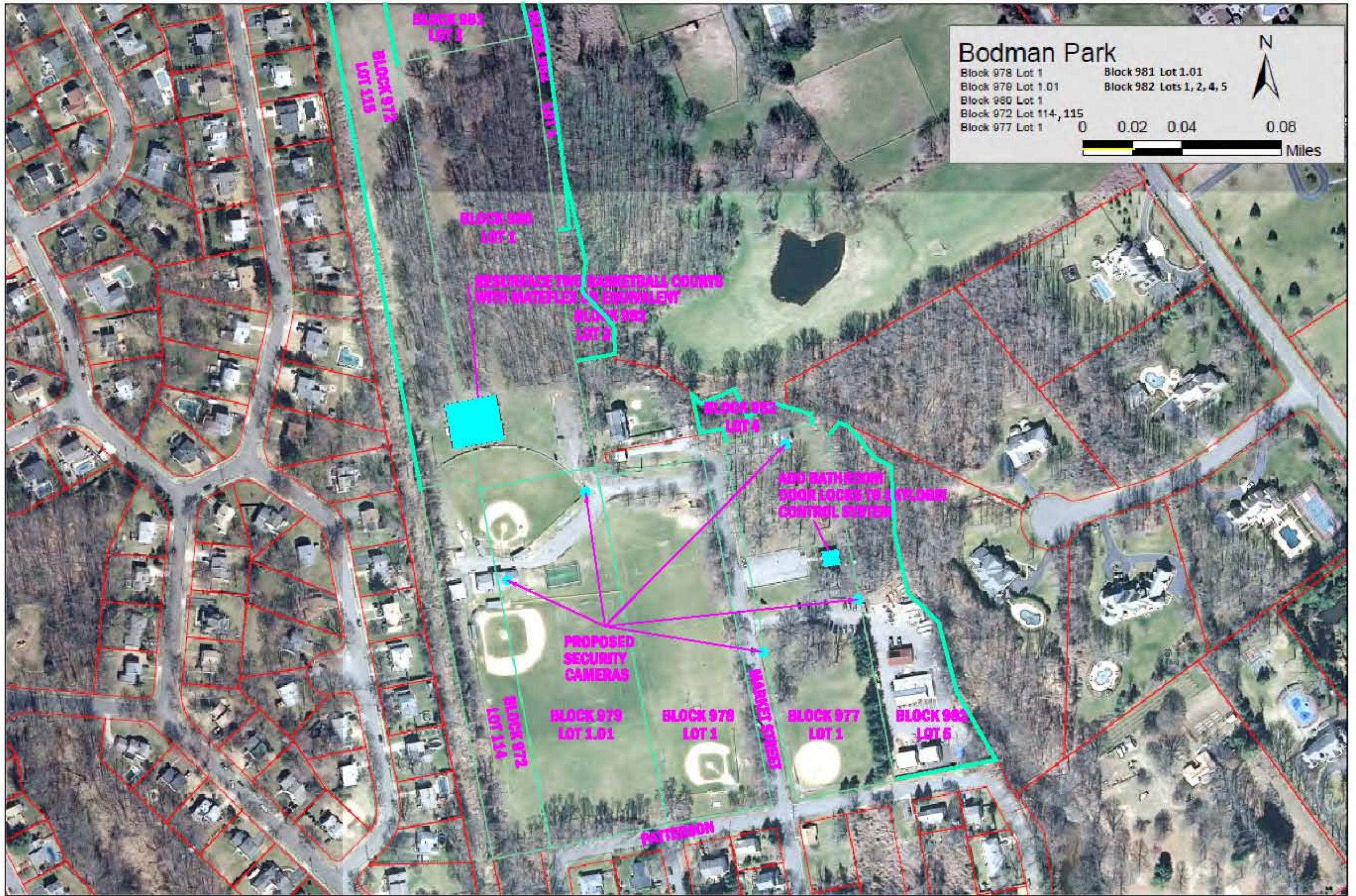
Description	Annual Cost	Maintenance Duties include:
2 Tennis Courts	\$2,500.00	Garbage/recycling, weekly, spring & fall leaf cleanup, powerwash
Cameras	\$500.00	

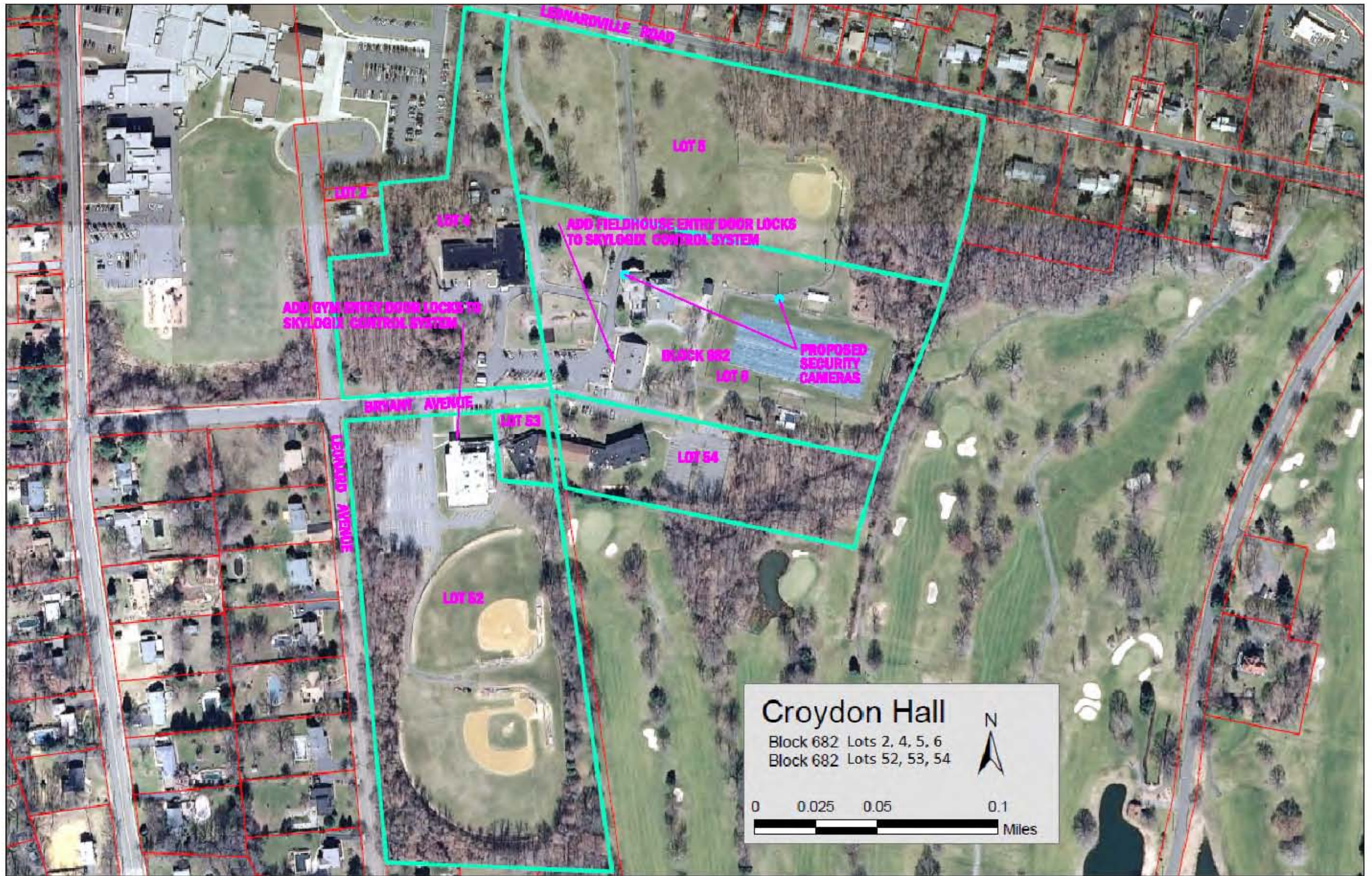
Total Annual Maintenance Cost: \$3,000.00

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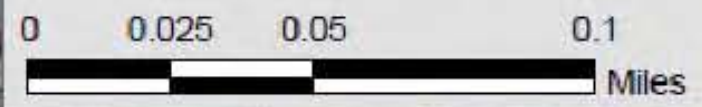
Joseph E. Maloney, P.E. - Township Engineer
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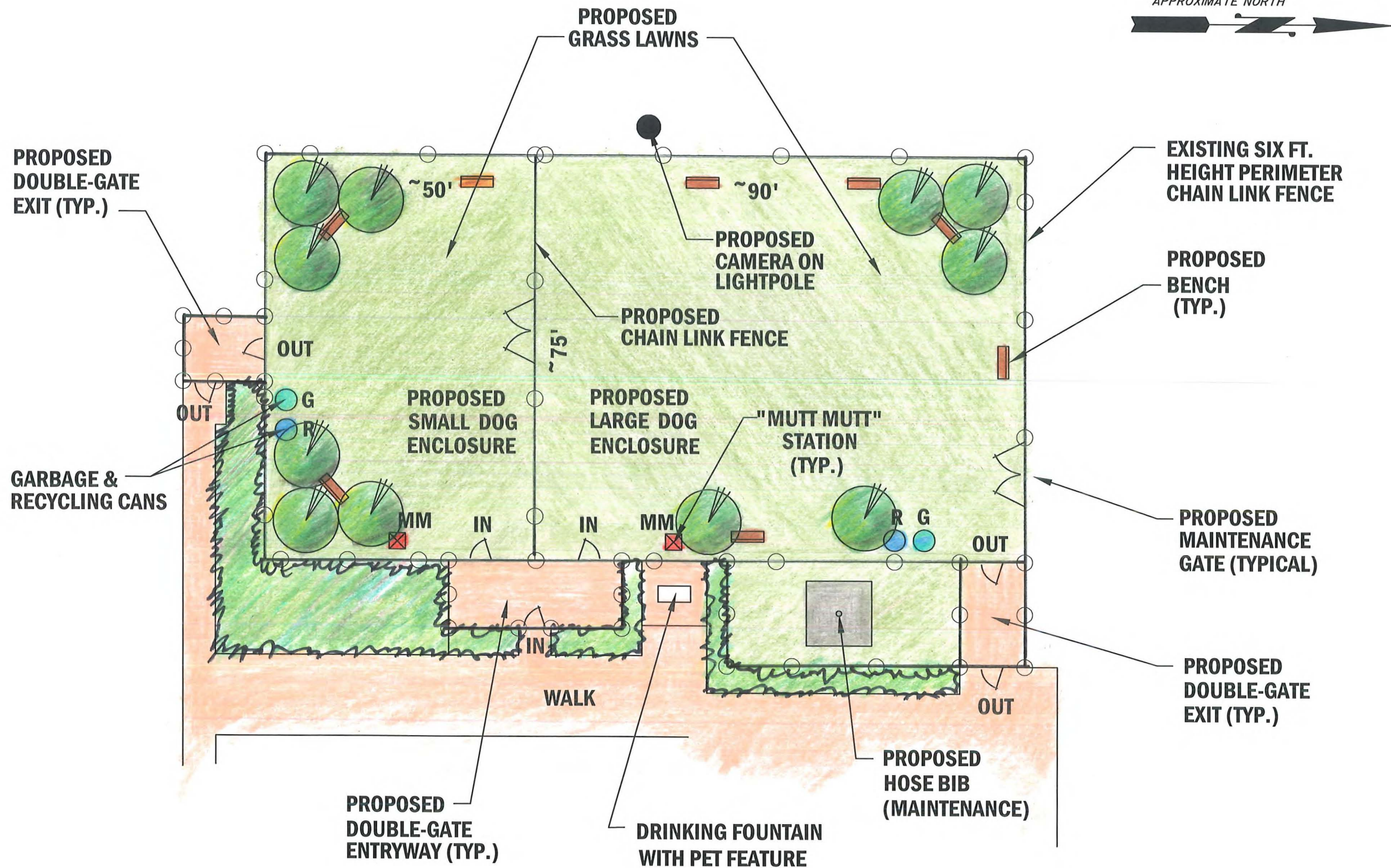




Croydon Hall

Block 682 Lots 2, 4, 5, 6
Block 682 Lots 52, 53, 54





PROPOSED DOG PARK CONCEPT (TINDALL PARK)

— CONCEPT —
DOG PARK

TINDALL PARK
SITUATED AT:
TINDALL ROAD
TOWNSHIP OF MIDDLETOWN
MONMOUTH COUNTY, NJ

Department of
Public Works & Engineering
TOWNSHIP OF MIDDLETOWN

Settled 1664
"Pride in Middletown"

52 Kanes Lane
Middletown, New Jersey 07748
(732) 615-2109

DRAWN BY: VJW	DATE: 2/13/2017
CHECKED BY: VJW	SCALE: 1"=8'
APPROVED BY:	SHEET NO. 1-OF-1

Fairview Acres

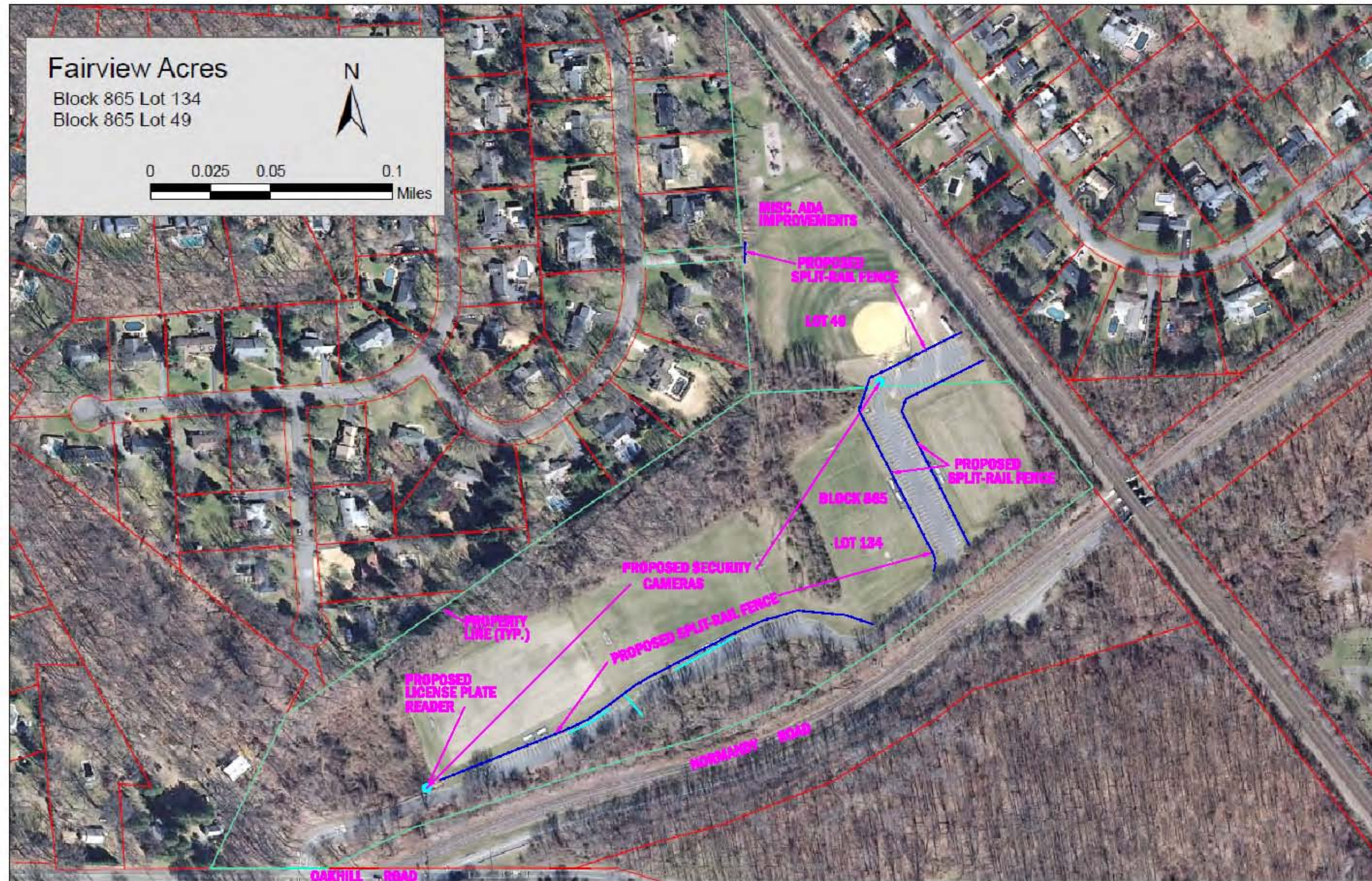
Block 865 Lot 134

Block 865 Lot 49

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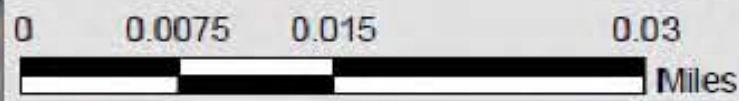
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Miles

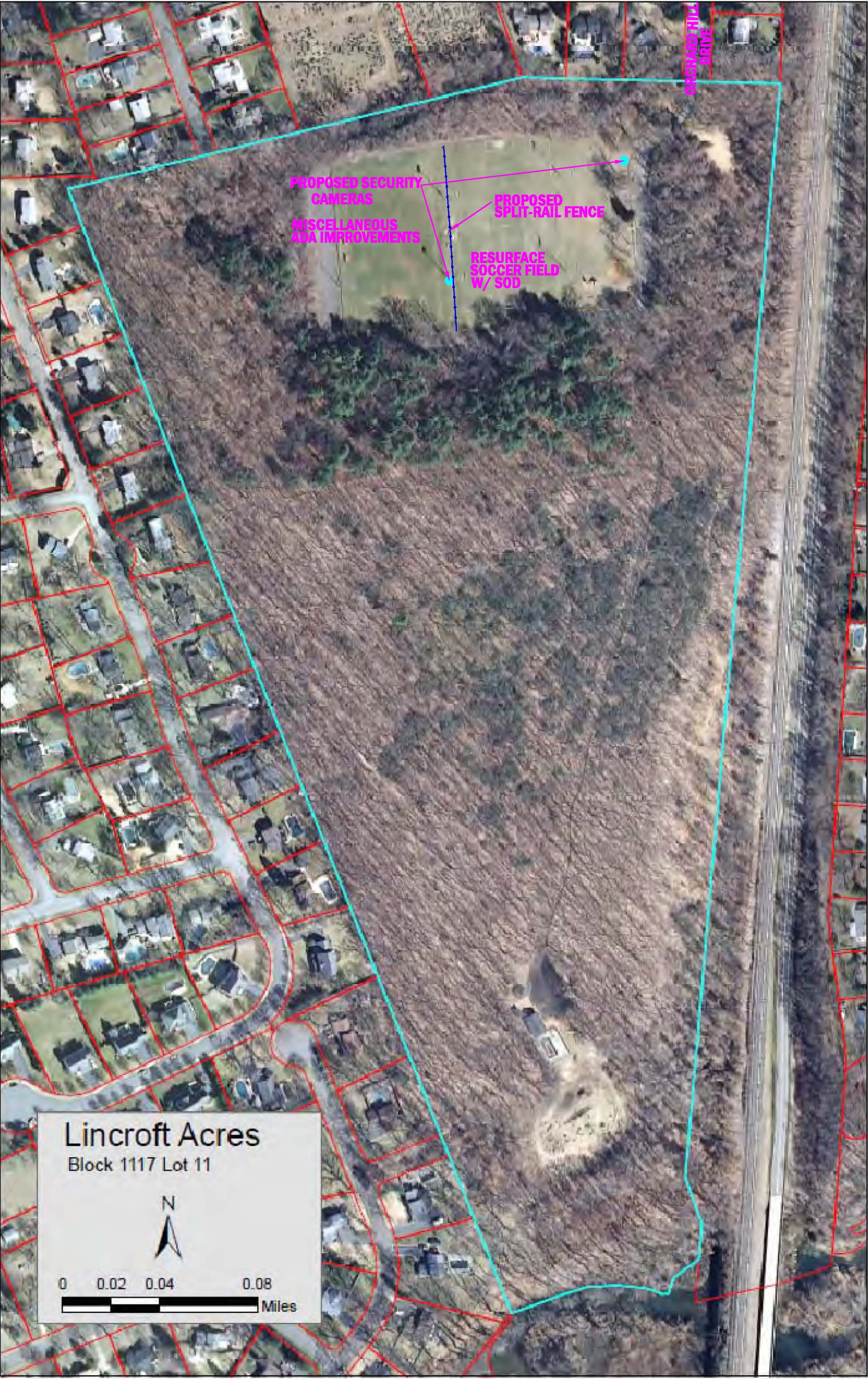




Hillside Park

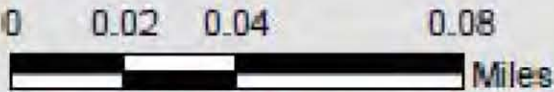
Block 702 Lot 3.01

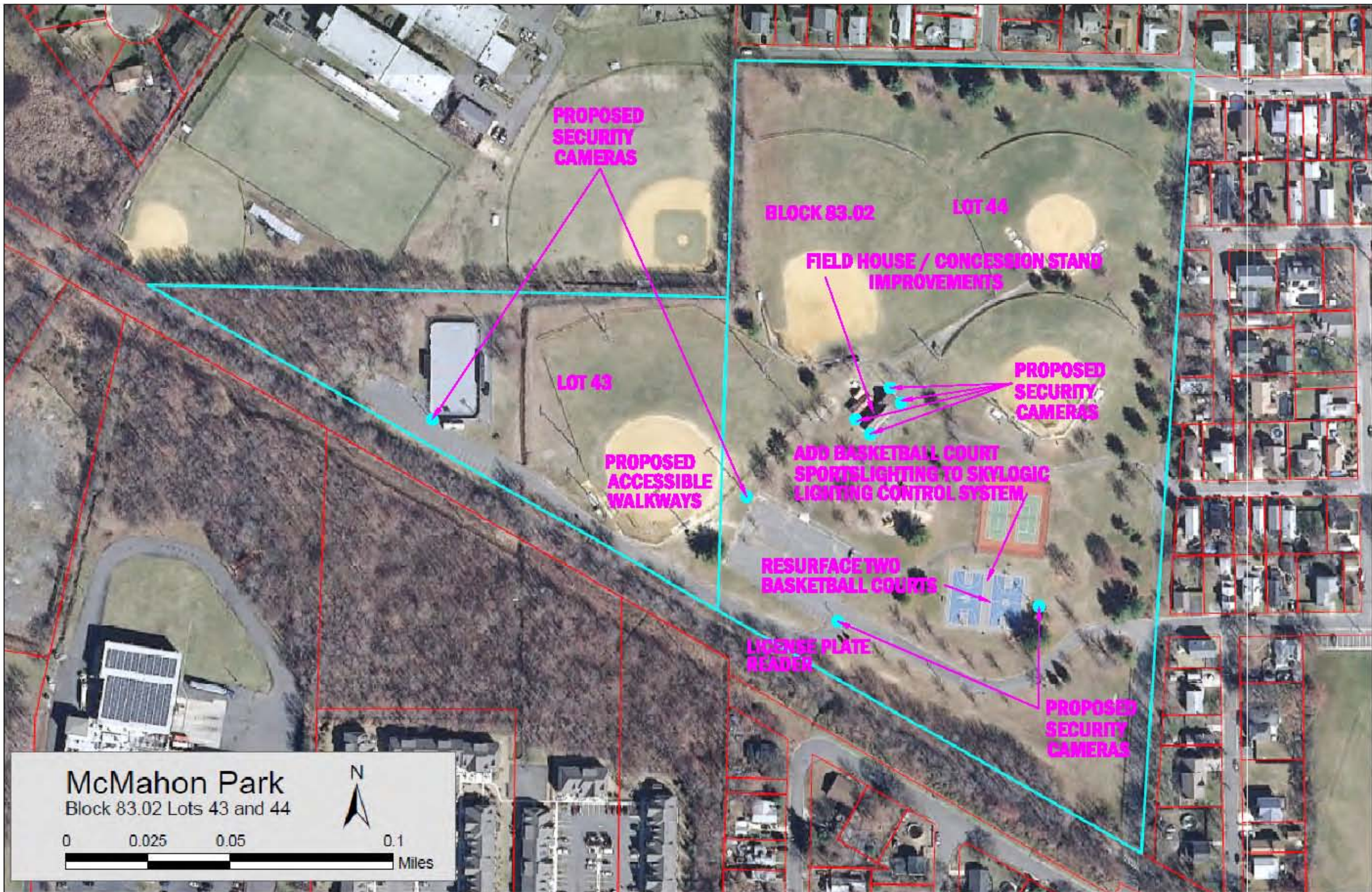




Lincroft Acres

Block 1117 Lot 11





McMahon Park

Block 83.02 Lots 43 and 44



0 0.025 0.05 0.1 Miles

Normandy Park
Block 901 Lot 3

N

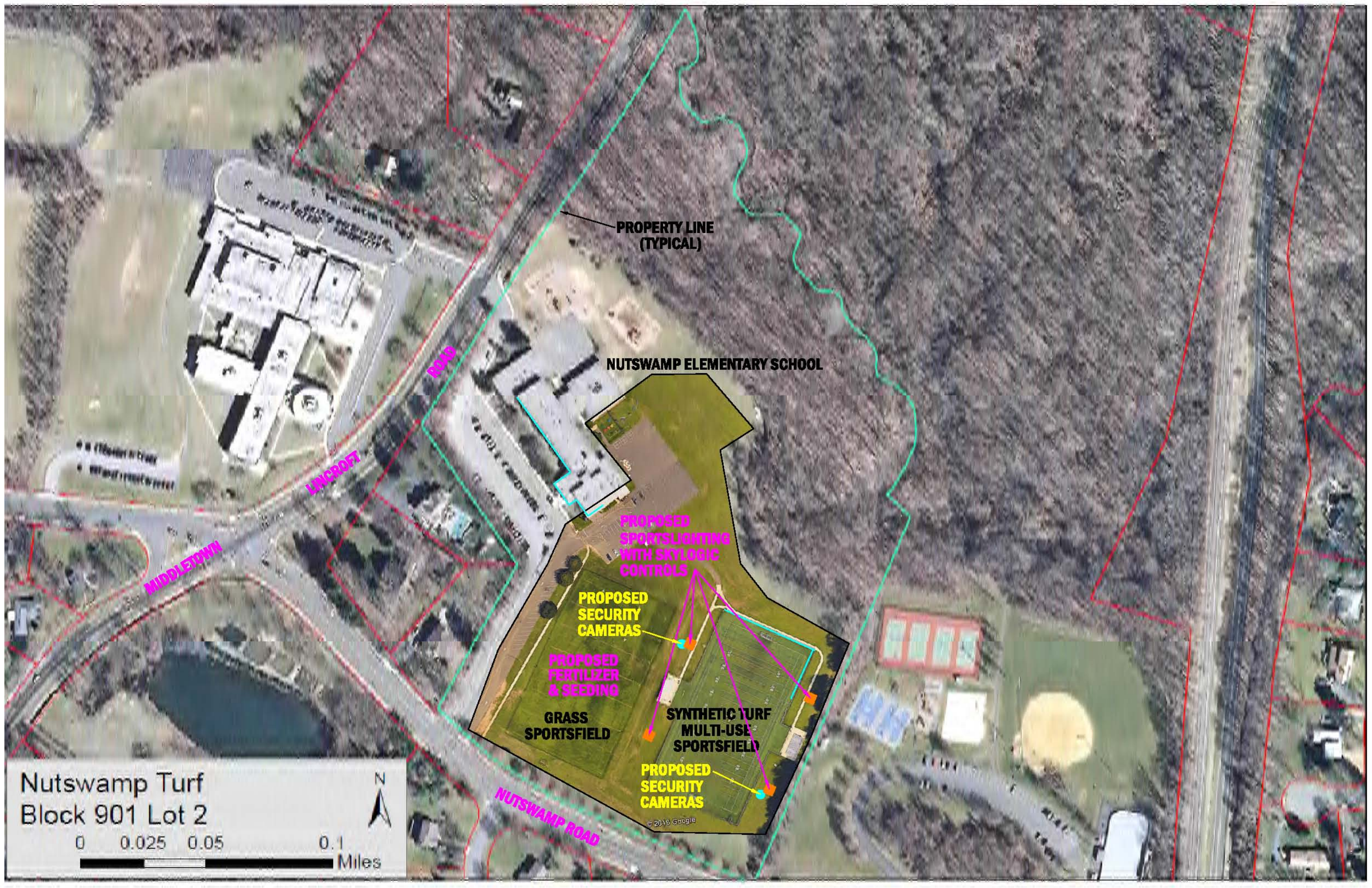
0 0.025 0.05 0.1

Miles



0 0.025 0.05 0.1
Miles





PROPERTY LINE
(TYPICAL)

NUTSWAMP ELEMENTARY SCHOOL

PROPOSED
SPORTSLIGHTING
WITH SKYLOGIC
CONTROLS

PROPOSED
SECURITY
CAMERAS

PROPOSED
FERTILIZER
& SEEDING

GRASS
SPORTSFIELD

SYNTHETIC TURF
MULTI-USE
SPORTSFIELD

PROPOSED
SECURITY
CAMERAS

NUTSWAMP ROAD

LANCROFT ROAD

MIDDLETOWN ROAD

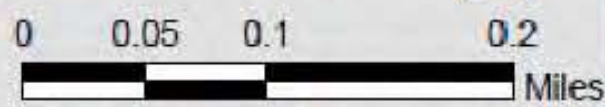
Nutswamp Turf
Block 901 Lot 2

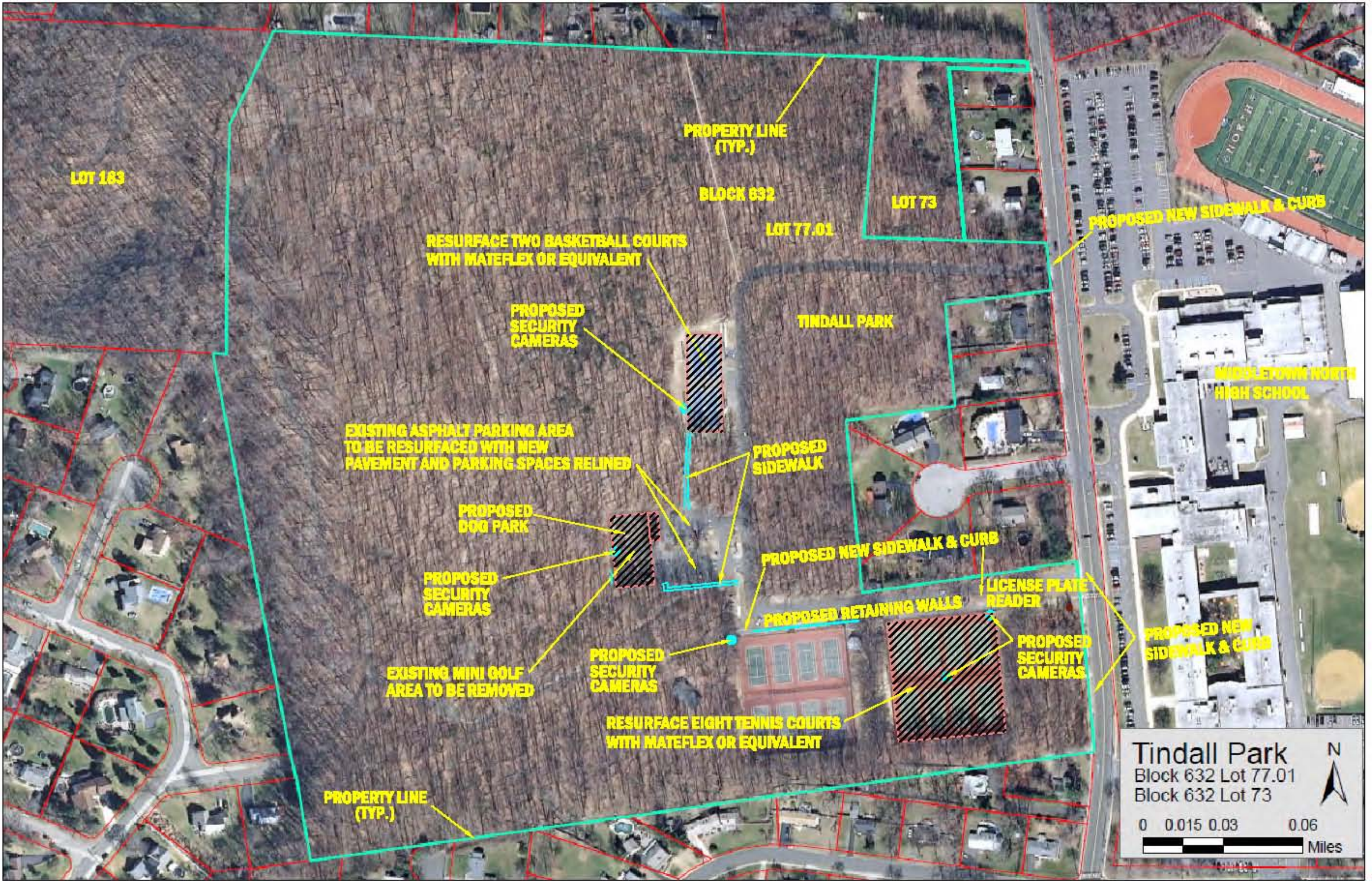


0 0.025 0.05 0.1 Miles



Poricy Park
Block 913 Lot 55





LOT 183

**PROPERTY LINE
(TYP.)**

BLOCK 632

LOT 73

LOT 77.01

**RESURFACE TWO BASKETBALL COURTS
WITH MATEFLEX OR EQUIVALENT**

**PROPOSED
SECURITY
CAMERAS**

TINDALL PARK

PROPOSED NEW SIDEWALK & CURB

**MIDDLETOWN NORTH
HIGH SCHOOL**

**EXISTING ASPHALT PARKING AREA
TO BE RESURFACED WITH NEW
PAVEMENT AND PARKING SPACES RELINED**

**PROPOSED
SIDEWALK**

**PROPOSED
DOG PARK**

PROPOSED NEW SIDEWALK & CURB

**PROPOSED
SECURITY
CAMERAS**

**LICENSE PLATE
READER**

PROPOSED RETAINING WALLS

**EXISTING MINI GOLF
AREA TO BE REMOVED**

**PROPOSED
SECURITY
CAMERAS**

**PROPOSED
SECURITY
CAMERAS**

**PROPOSED NEW
SIDEWALK & CURB**

**RESURFACE EIGHT TENNIS COURTS
WITH MATEFLEX OR EQUIVALENT**

**PROPERTY LINE
(TYP.)**

Tindall Park
Block 632 Lot 77.01
Block 632 Lot 73

0 0.015 0.03 0.06
Miles